



# Epidemiology of COVID-19 in Ireland - 14 day report

Report prepared by HPSC on 25/01/2021

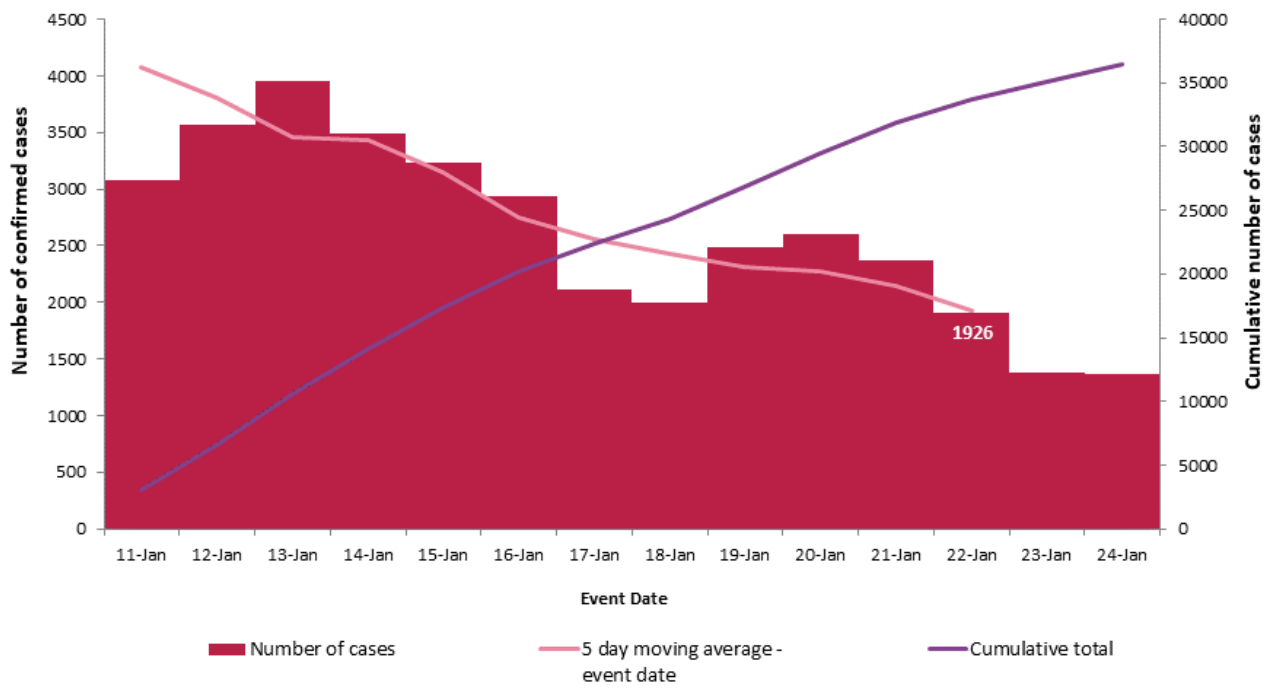
Summary characteristics of confirmed COVID-19 cases notified in Ireland from 11/01/2021 up to midnight 24/01/2021

	Number	Percent
Total number of confirmed cases	36,486	
National incidence of confirmed cases per 100,000 population	766.21	
Number of cases hospitalised*	2,266	6.21
Number of cases admitted to ICU*	104	0.29
Number of deaths among confirmed cases	226	0.62
Case fatality ratio (CFR, %)	0.62	
National incidence of confirmed deaths per 100,000 population	4.75	
Number of cases** associated with clusters	3,403	9.33
Number of imported cases	9	0.02
Number of cases in healthcare workers	4,373	11.99
Males	16,852	46.19
Females	19,603	53.73
M:F ratio	0.86	
Median age (years)	41	
Mean age (years)	43	
Age range (years)	0 - 108	

\* The number of cases hospitalised and admitted to ICU relate only to events notified in the last 14 days and do not include cases notified prior to this and admitted to hospital or ICU in the last 14 days

\*\*Cases may be associated with outbreaks notified outside the timeframe of this report  
11/01/2021 - 24/01/2021

**Note: Data were extracted from Computerised Infectious Disease Reporting (CIDR) system at 10:36 on 25/01/2021 and are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.**



**Figure 1. Daily number and cumulative number of confirmed cases of COVID-19, and 5-day moving average, by notification date (n=36,486)**

**Table 1: Characteristics of confirmed COVID-19 cases notified in Ireland from 11/01/2021 up to midnight on 24/01/202**

Characteristic		Number of cases	Percent
<b>Total number of confirmed cases</b>		<b>36,486</b>	<b>100</b>
<b>Sex</b>	Male:Female ratio	0.86	
	Male	16,852	46.19
	Female	19,603	53.73
	Unknown	31	0.08
<b>Age</b>	Median age (years)	41	
	Mean age (years)	43	
	Age range (years)	0 - 108	
	0-4 yrs	777	2.13
	5-12 yrs	1,183	3.24
	13-18 yrs	1,874	5.14
	19-24 yrs	3,738	10.25
	25-34 yrs	6,319	17.32
	35-44 yrs	6,200	16.99
	45-54 yrs	6,030	16.53
	55-64 yrs	4,569	12.52
	65-74 yrs	2,204	6.04
	75-84 yrs	1,971	5.4
	85+ yrs	1,575	4.32
	Unknown	46	0.13
<b>Underlying clinical conditions</b>	Yes	1,900	5.21
	No	25,405	69.63
	Unknown	9,181	25.16
<b>Symptom status at time of test*</b>	Yes	22,971	62.96
	No	3,912	10.72
	Unknown	9,603	26.32

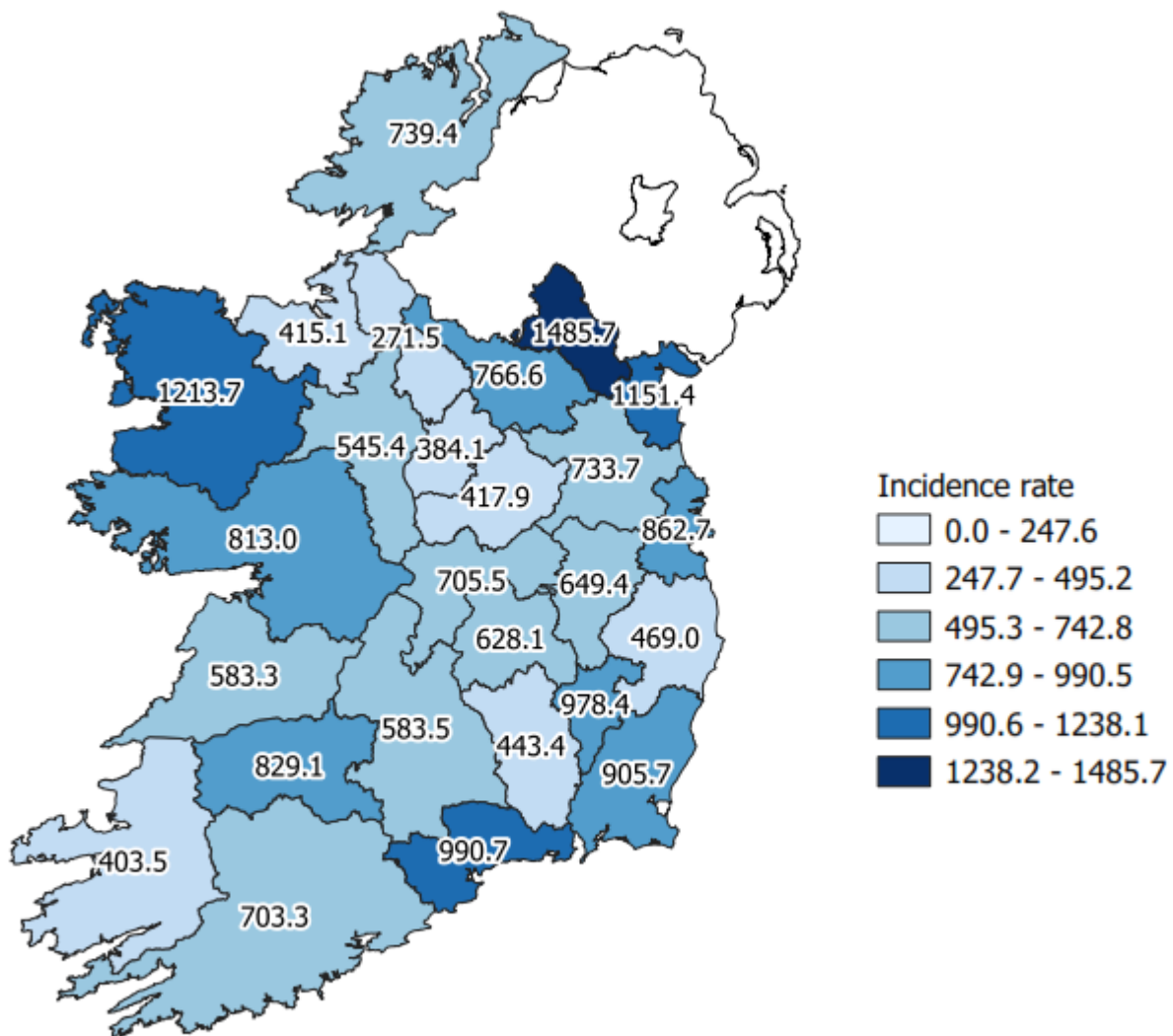
\*Symptom status is recorded at the time of test and is not updated, therefore a proportion of the asymptomatic cases may subsequently develop symptoms however this will not be captured in the data.

**Table 2: Number of confirmed COVID-19 cases by community healthcare organisation (CHO) notified in Ireland from 11/01/2021 to midnight 24/01/2021**

CHO Area	Number of confirmed cases	Incidence per 100,000 population
CHO1	3,030	774.4
CHO2	4034	890.3
CHO3	2727	708.3
CHO4	4,414	639.2
CHO5	4,010	785.8
CHO6	2795	729.4
CHO7	5,023	709.7
CHO8	4,534	732.1
CHO9	5,911	951.2
Unknown	8	
<b>Total</b>	<b>36,486</b>	<b>766.2</b>

**Table 3: Number of confirmed COVID-19 cases by county notified in Ireland from 11/01/2021 to midnight 24/01/2021**

County	Number of confirmed cases	Incidence per 100,000 population
Monaghan	912	1485.7
Mayo	1584	1213.7
Louth	1484	1151.4
Waterford	1151	990.7
Carlow	557	978.4
Wexford	1356	905.7
Dublin	11624	862.7
Limerick	1616	829.1
Galway	2098	813.0
Cavan	584	766.6
Donegal	1177	739.4
Meath	1431	733.7
Offaly	550	705.5
Cork	3818	703.3
Kildare	1445	649.4
Laois	532	628.1
Tipperary	931	583.5
Clare	693	583.2
Roscommon	352	545.4
Wicklow	668	469.0
Kilkenny	440	443.4
Westmeath	371	417.9
Sligo	272	415.0
Kerry	596	403.5
Longford	157	384.1
Leitrim	87	271.5
<b>Total</b>	<b>36,486</b>	<b>766.2</b>



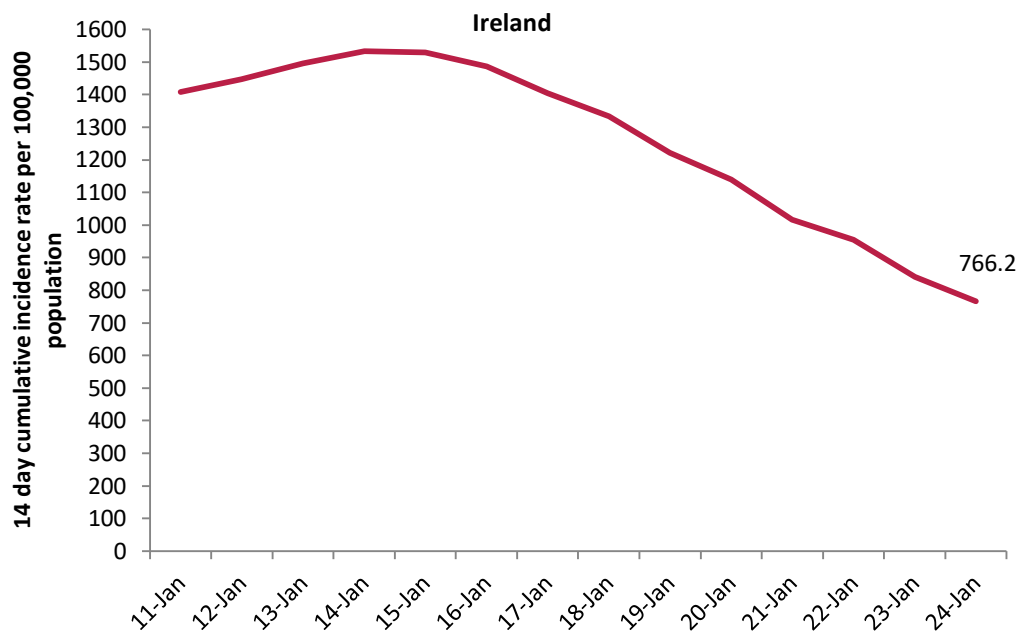
**Figure 2: Cumulative incidence rates of confirmed COVID-19 cases per 100,000 population by county notified in Ireland between 11/01/2021 and 24/01/2021**

*Please do not directly compare county shades to previous maps. The categories listed will change as the number of cases change, which may result in changes to the map shading.*

**Table 4: Number and incidence of confirmed COVID-19 cases by Dublin Local Health Offices\* (LHOs) notified in Ireland with a notification date between 11/01/2021 and 24/01/2021**

CCA	Local Health Office	Number of cases in past 14 days based on notification date	14 day incidence rates based on notification dates
CCA1	Dublin South	687	504.9
CCA2	Dublin South East	1,463	1182.7
CCA3	Dublin South City	963	642.3
CCA4	Dublin South West	1,174	729.7
CCA5	Dublin West	1,419	913.5
CCA6	Dublin North West	2,335	1124.4
CCA7	Dublin North Central	1,729	1118.5
CCA8	Dublin North	1,847	712.7
	Unknown	7	
	<b>Dublin</b>	<b>11,624</b>	<b>862.7</b>

**Note:** Local health offices (LHOs) came into operation on 1<sup>st</sup> September 2005, replacing Community Care Areas (CCAs). LHO population denominators are used in this report rather than CCA population denominators. The LHO rates were calculated using Census 2016 LHO denominator data extracted from the HSE Health Atlas and are not a direct match to the corresponding CCAs.



**Figure 3: 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 in Ireland (11/01/2021 to 24/01/2021)**

14 day incidence rates per 100,000 populations of confirmed cases of COVID-19 for individual counties can be found in appendix 1 of this report

**Table 5: Number of confirmed COVID-19 cases by most likely transmission source notified from 11/01/2021 to midnight 24/01/2021**

Most likely transmission source	Number of cases	Percent
Travel related	154	0.42%
Close contact with a known confirmed case	12126	33.23%
Healthcare setting acquired: patient	2104	5.77%
Healthcare setting acquired: staff	2003	5.49%
Community transmission	5992	16.42%
Under investigation	14107	38.66%
<b>Total</b>	<b>36486</b>	<b>100.00%</b>

\*Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases

**Table 6: Cumulative number of confirmed cases of COVID-19 notified in Ireland from 11/01/2021 to midnight 24/01/2021 by age group, hospitalisation and ICU admission\***

Age Group (years)	Number of cases (n)	Cases hospitalised (n)	Cases hospitalised (%)	Cases admitted to ICU (n)	Cases admitted to ICU (%)
0-4 yrs	777	18	0.79	0	0
5-12 yrs	1183	15	0.66	0	0
13-18 yrs	1874	33	1.46	0	0
19-24 yrs	3738	85	3.75	0	0
25-34 yrs	6319	148	6.53	5	4.81
35-44 yrs	6200	174	7.68	8	7.69
45-54 yrs	6030	229	10.11	22	21.15
55-64 yrs	4569	304	13.42	20	19.23
65-74 yrs	2204	350	15.45	25	24.04
75-84 yrs	1971	547	24.14	19	18.27
85+ yrs	1575	363	16.02	5	4.81
Unknown	46			0	0
<b>Total</b>	<b>36,486</b>	<b>2266</b>	<b>100</b>	<b>104</b>	<b>100</b>

\* The number of cases hospitalised and admitted to ICU relate only to events notified in the last 14 days and do not include cases notified prior to this and admitted to hospital or ICU in the last 14 days



## Deaths among COVID-19 cases

Table 7: Summary of deaths in all COVID-19 cases notified in Ireland from 11/01/2021 up to midnight 24/01/2021

	Number	Percent
Total number of deaths	232	
Confirmed	226	97.41
Probable	3	1.29
Possible	3	1.29
Total number of cases hospitalised	114	49.14
Total number of male cases	114	49.14
M:F ratio	0.97	
Median age (years)	83.5	
Mean age (years)	81	
Age range (years)	41 - 100	

Table 8: Number of deaths in all COVID-19 cases by sex and age group notified in Ireland from 11/01/2021 up to midnight 24/01/2021

Age group (years)	Female	Male	Total	Percent
35-54 yrs	*	*	7	3.01
55-64 yrs	*	*	12	5.17
65-74 yrs	12	19	31	13.36
75-84 yrs	32	53	85	36.64
85+ yrs	68	29	97	41.81
<b>Total</b>	<b>118</b>	<b>114</b>	<b>232</b>	<b>100</b>
<b>Percent</b>	<b>50.86</b>	<b>49.14</b>		

\*One or both values <5

## **Acknowledgements**

Sincere thanks are extended to all those who are participating in the collection of data and reporting of data used in these reports. This includes the HSE COVID-19 Contact Management Programme (CMP), staff in ICU units, notifying clinicians, laboratory staff, public health doctors, nurses, surveillance scientists, microbiologists and administrative staff.

**Report prepared by COVID-19 Epidemiology Team, HPSC**

## Technical Notes

### 1. Data Source

Data are based on statutory notifications and were extracted from Computerised Infectious Disease Reporting (CIDR) system at 10:36 on 25/01/2021. Data are provisional and subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures.

### 2. Population data

Population data were taken from Census 2016. Data were aggregated into the following age groups for the analysis: 0-4 years, 5-14 years, 15-24 years, 25-34 years, 35-44 years, 45-54 years, 55-64 years, 65-74 years, 75-84 years and  $\geq 85$  years.

### 3. Transmission classification

Transmission classification is based on country of infection as well as enhanced exposure data (international travel; close contact of a case) recorded in CIDR. Transmission is classified as 'unknown' due to incomplete data on CIDR.

Travel related cases include cases who acquire COVID-19 infection outside of Ireland (imported cases) and cases who acquire COVID-19 infection directly from imported cases.

WHO definition of transmission classification is specified below:

- Community transmission is evidenced by the inability to relate confirmed cases through chains of transmission for a large number of cases, or by increasing positive tests through routine screening of sentinel samples.
- Local transmission indicates locations where the source of infection is within the reporting location.
- Imported cases only indicates locations where all cases have been acquired outside the location of reporting.

### 4. HSE areas

The counties covered by each HSE area are as follows:

HSE East (E): Dublin, Kildare & Wicklow;

HSE Midlands (M): Laois, Longford, Offaly & Westmeath;

HSE Midwest (MW): Clare, Limerick & N. Tipperary;

HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;

HSE Northwest (NW): Donegal, Leitrim & Sligo;

HSE South (S): Kerry & Cork;

HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;

HSE West (W): Galway, Mayo & Roscommon.

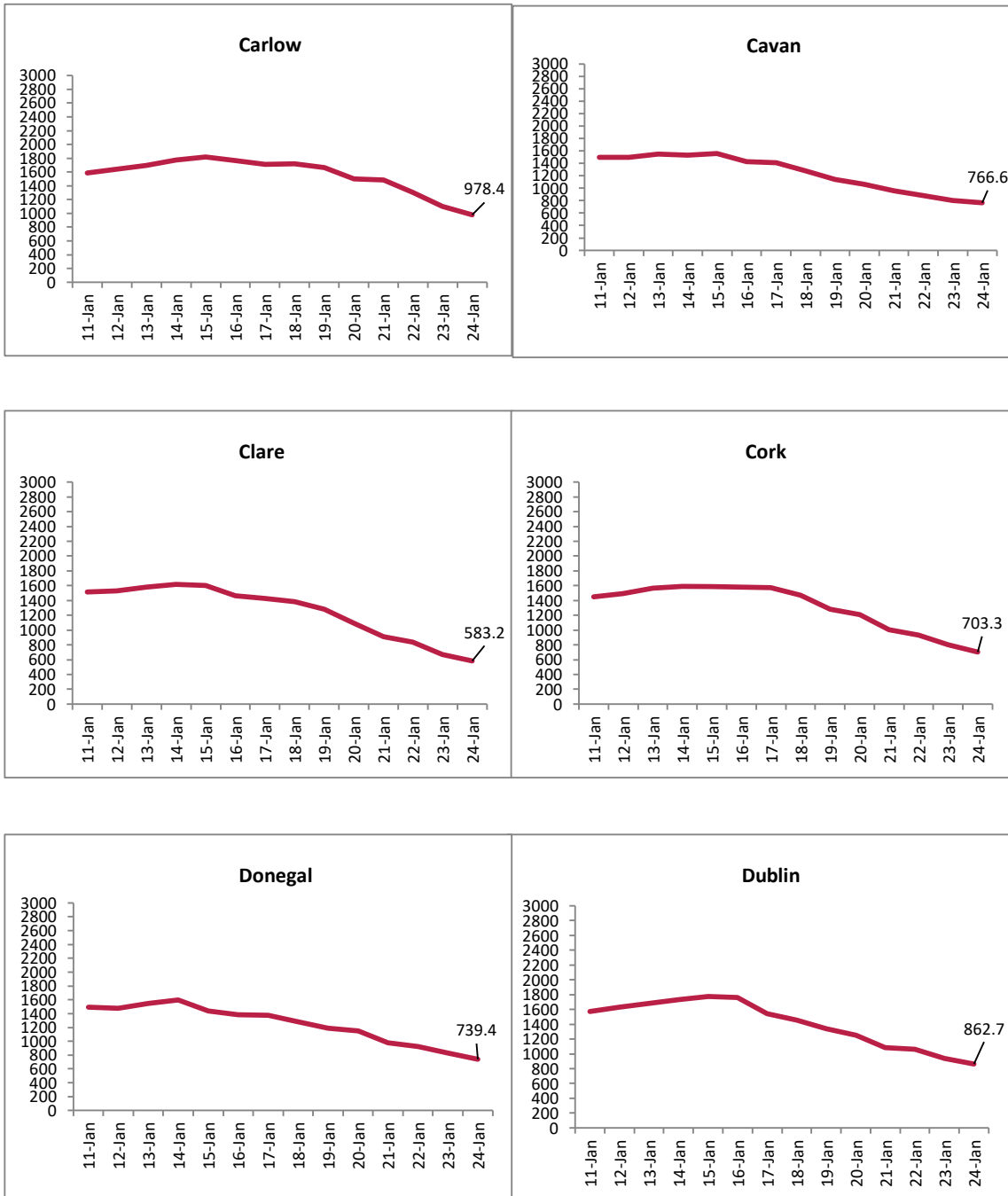
### 5. Outbreak location

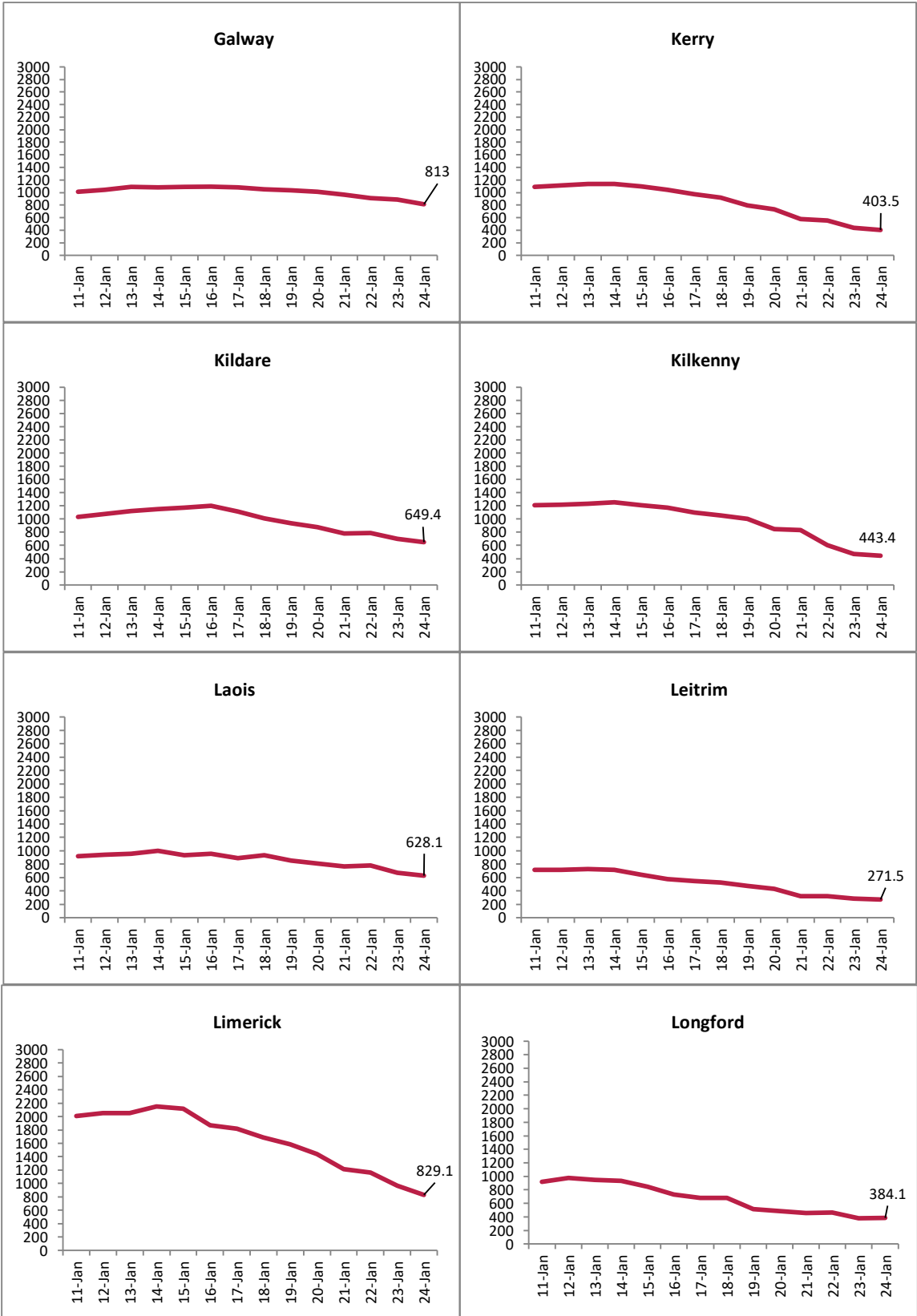
Where an outbreak location is reported as a residential facility (RF) this includes nursing homes, community hospitals, long-stay units and residential institutions including mental health facilities, prisons and direct provision centres.

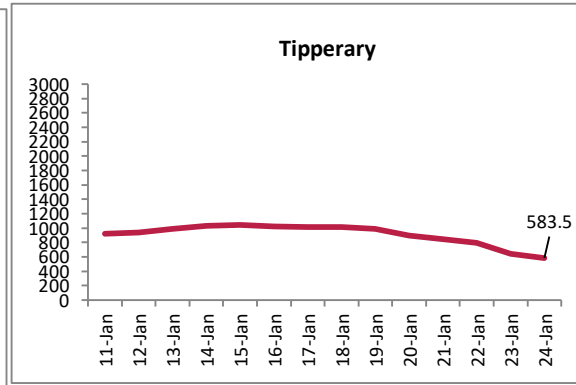
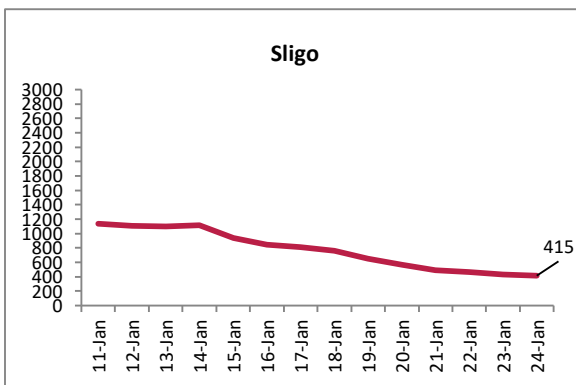
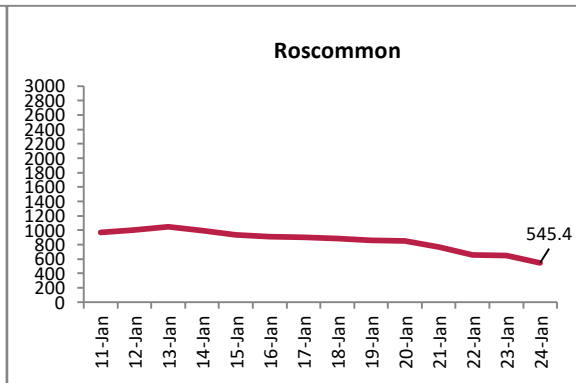
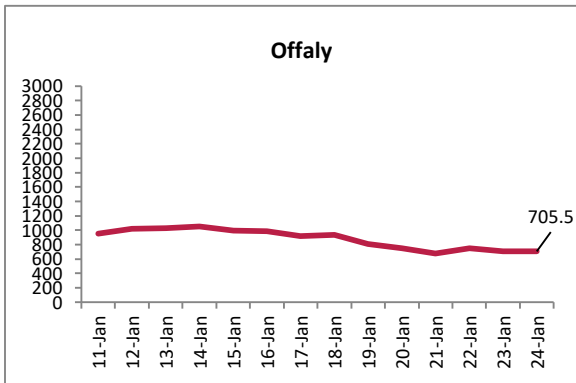
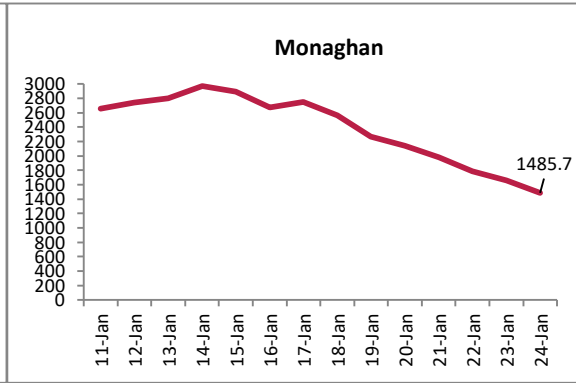
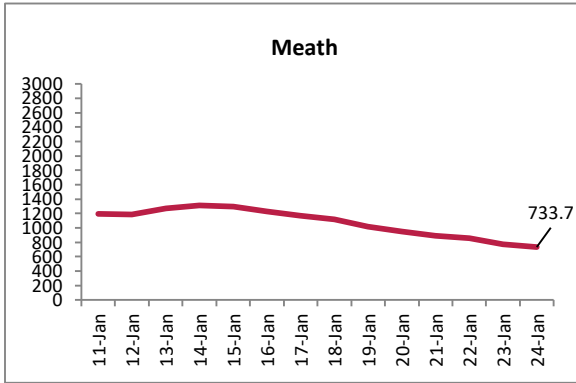
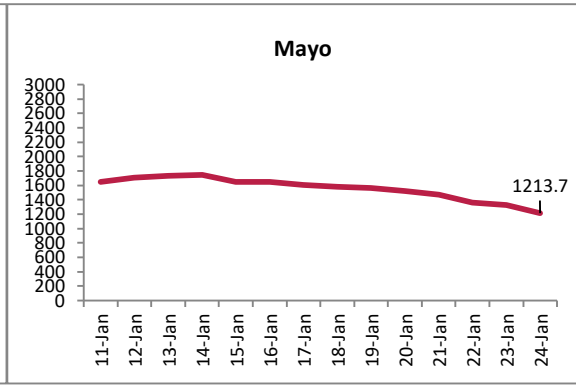
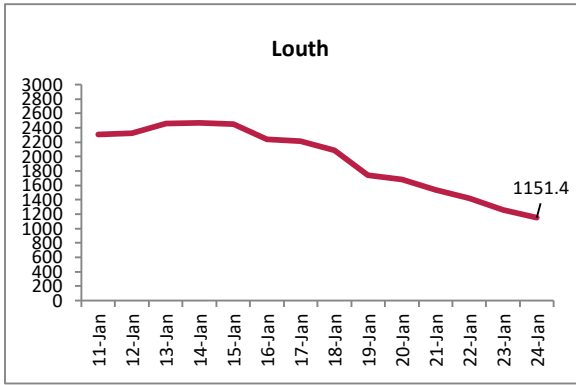
Other outbreak location includes community, extended family, hotel, public house, retail outlet, travel related and all other locations.

## Appendix 1

Figure A. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by county (11/01/2021 to 24/01/2021)







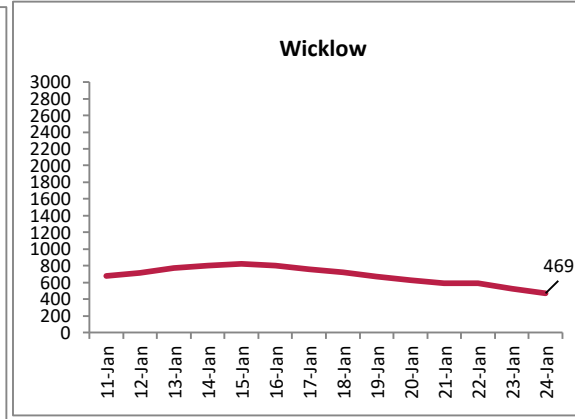
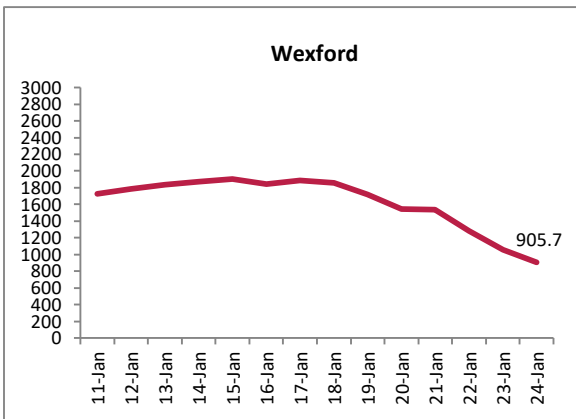
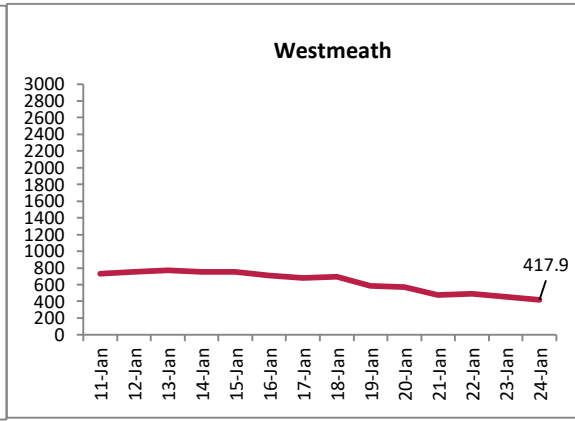
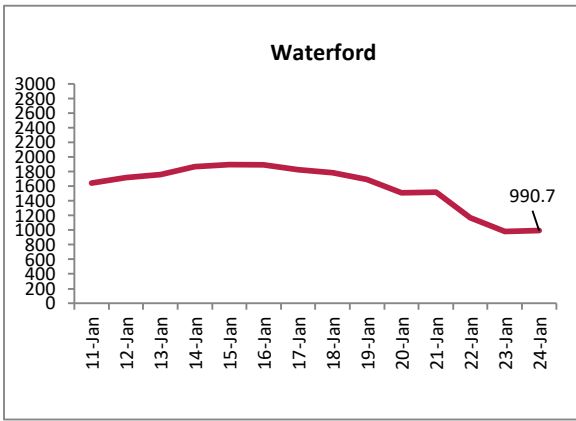


Figure B. 14 day cumulative incidence rates per 100,000 population of confirmed cases of COVID-19 by Dublin CCA (11/01/2021 to 24/01/2021)

